

Title (en)
Liquid ejecting apparatus

Title (de)
Flüssigkeitsausstossgerät

Title (fr)
Appareil d'éjection de liquide

Publication
EP 1669199 A1 20060614 (EN)

Application
EP 05025252 A 20051118

Priority
JP 2004336099 A 20041119

Abstract (en)
A liquid ejecting apparatus comprising: a liquid ejection head capable of ejecting a liquid droplet from a nozzle opening provided in a nozzle surface; a capping member capable of sealing the nozzle opening with a capping member being in close contact with a nozzle surface; a flushing control unit for idly ejecting a liquid droplet from the nozzle opening toward the capping member; a pump mechanism that communicates with the capping member through a liquid channel; and a suction control unit for effecting control of sucking liquid from inside the capping member through the liquid channel by actuating the pump mechanism, wherein the suction control unit is capable of executing a light suction mode which is executed during an ejection operation and a total-amount suction mode which is executed before effecting sealing by the capping member after the ejection operation, wherein a suction amount in the total-amount suction mode is set to not less than such an amount as to be capable of discharging liquid in the capping member and liquid inside the liquid channel, and wherein a suction amount in the light suction mode is set to be smaller than the suction amount in the total-amount suction mode.

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Citation (applicant)
JP H0839830 A 19960213 - CANON KK

Citation (search report)
• [XY] EP 0442439 A2 19910821 - CANON KK [JP]
• [Y] EP 1314566 A1 20030528 - SEIKO EPSON CORP [JP]
• [Y] EP 0778140 A2 19970611 - SEIKO EPSON CORP [JP]

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